



2017 APA CALIFORNIA CONFERENCE -- OPR/SGC JOINT WORKSHOP

# CALIFORNIA CLIMATE INVESTMENTS PROGRAM: FUNDING OPPORTUNITIES

Elizabeth Grassi, Strategic Growth Council

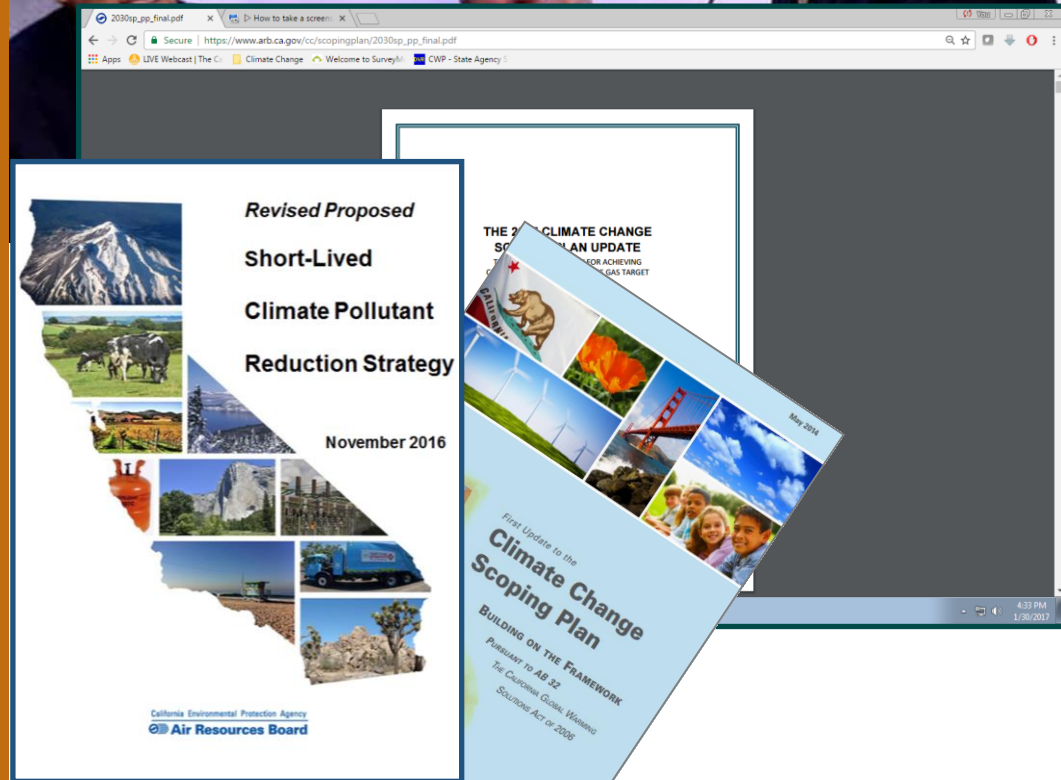


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# GLOBAL WARMING

SINCE NOVEMBER 2012: \$5.59 BILLION  
IN AUCTION REVENUES FOR THE STATE



## CALIFORNIA CLIMATE STRATEGY

*An Integrated Plan for Addressing Climate Change*

### VISION

**Reducing Greenhouse Gas Emissions  
to 40% Below 1990 Levels by 2030**

### GOALS

50%  
reduction  
in petroleum  
use in vehicles

50%  
renewable  
electricity

Carbon  
sequestration  
in the land base

Double energy  
efficiency savings  
at existing buildings

Reduce  
short-lived  
climate pollutants

Safeguard  
California

UNDER 2°

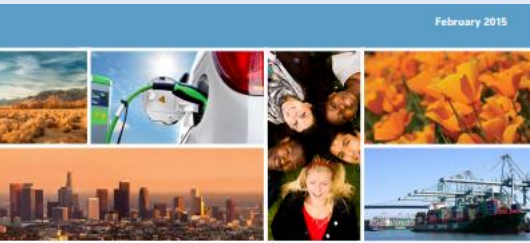
Subnational Global Climate  
Leadership Memorandum of  
Understanding



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# CLIMATE CONSCIENCE CALIFORNIA



February 2015

## Safeguarding California: Implementation Action Plans



## Climate Change Research Plan for California



## CALIFORNIA ADAPTATION PLANNING GUIDE



## PLANNING FOR ADAPTIVE COMMUNITIES

CCRN CCRN CCRN

## CALIFORNIA ADAPTATION PLANNING GUIDE



## DEFINING LOCAL & REGIONAL IMPACTS

CCRN CCRN CCRN

## CALIFORNIA ADAPTATION PLANNING GUIDE



## IDENTIFYING ADAPTATION STRATEGIES

CCRN CCRN CCRN

## Safeguarding California: Reducing Climate Risk

An update to the 2009 California Climate  
Adaptation Strategy  
Public Draft



State

Local

Business

Science

Partnerships

Contact Us

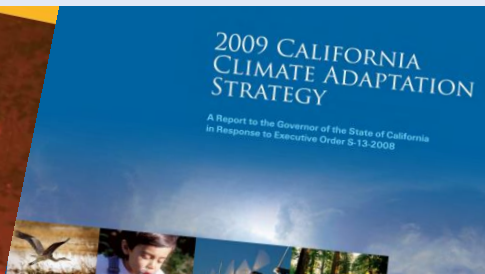
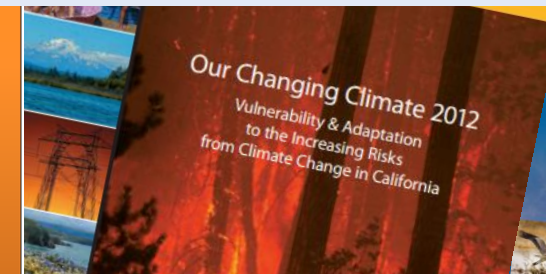
## Local Roles

Local governments have important roles to play in efforts to reduce greenhouse gas emissions. Local governments are at the forefront of efforts to adapt to the ongoing and anticipated impacts of climate change.



## California Climate Strategy

An Integrated Plan for Addressing Climate Change



Search



California Natural Resources Agency proudly presents

## California Climate Adaptation Storybook



Office of the Governor

Edmund G. Brown Jr.

Visit his website



Popular Links



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# Supporting Climate ConSCIENCE Land Use Planning



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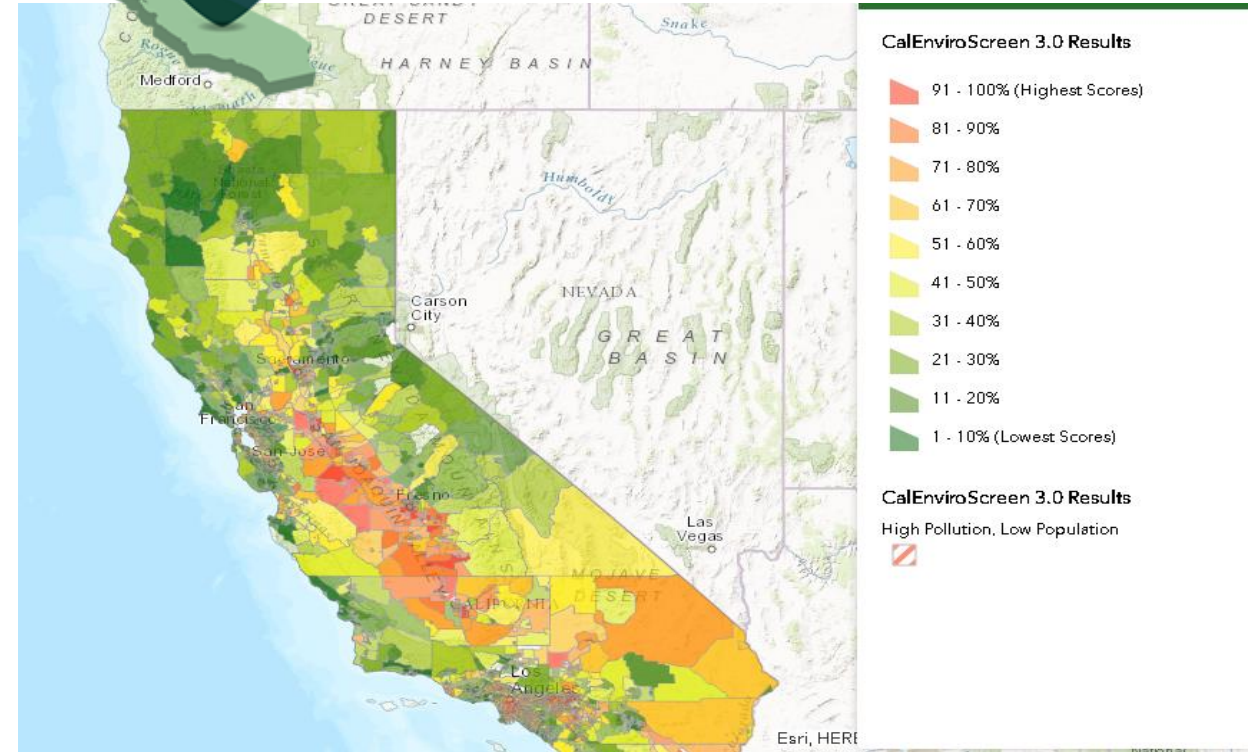
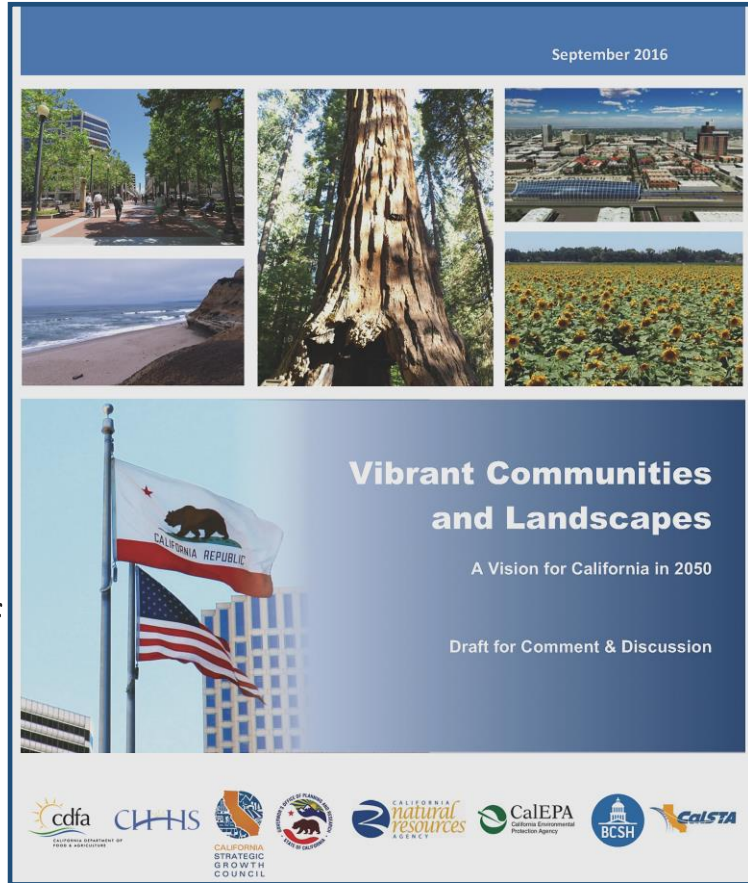
# CLIMATE POLICIES/INITIATIVES

## California's Vibrant Communities and Landscapes

Recognizes the inherent difficulty in making land use decisions.

Considers the conflicts, tradeoffs, and balancing the needs of constituencies.

Considers the role of land use within the context of California's climate change policy.



As part of CalEPA's environmental justice program, CalEnviroScreen was developed for state agencies and departments to identify communities that face multiple burdens of pollution and socioeconomic disadvantage.



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# TOOLS

## US EPA's LOCATION EFFICIENCY CALCULATOR

Assessing travel behavior, GHG emissions, and related environmental impacts that can occur at different facility locations.

Recognizing the significance of employee commutes as part of a facility's environmental footprint.

Generating discussion about facility siting: promoting choice and convenience while reducing energy use.

cal-adapt


Exploring California's Climate Change Research

Cal-Adapt provides a view of how climate change might affect California.

Providing all Californians with access to climate data and information produced by the scientific and research communities throughout the state.

Delivering visualization tools, access data, and community sharing to users.

Offering a science-based view of how climate change might affect California at the local level.



Your source for sustainability project funding

Keyword search  [Search](#)

Welcome to the Funding Wizard

The wizard combs the internet weekly for funding opportunities to help support a sustainable future. You can set filters by funding type, category, eligible applicants or using keywords. [Start here.](#) [Search](#)

Use the Suggest form to tell us about a funding opportunity we should add. [Read more](#)

### Transformative Climate Communities (TCC): Planning Grants

The Transformative Climate Communities (TCC) Program is a California Climate Investment (CCI) program administered by the Strategic Growth Council (SGC), and implemented by the Department of Conservation (DOC) and other partnering State agencies. Funds are available to support projects that reduce greenhouse gas (GHG) emissions through the development and implementation of neighborhood-level transformative climate community plans that include multiple, coordinated GHG emissions reduction projects that provide local economic, environmental, and health benefits to disadvantaged communities. Funding for the TCC Program is provided by Greenhouse Gas Reduction Fund (GGRF), an account established to receive Cap-and-Trade auction proceeds. (DUE 11-30-2017)

[Read more](#)

#### Deadline Approaching

- AIRFIELD HABITAT MGT- EDWARDS AFB (Grant) Due 09-14-2017
- The Office of Elementary and Secondary Education (OESE): Impact Aid Discretionary Construction Grant Program CFDA Number 84.041C (Grant) Due 09-15-2017
- Healthy Soils Program: Demonstration Projects (Grant) Due 09-19-2017
- Healthy Soils Program: Incentives Program (Grant) Due 09-19-2017
- DE-FOIA-0001637: Fiscal Year 2017 BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE (BRDI) (Grant) Due 09-22-2017

#### Recently Added - top 5





- Transformative Climate Communities (TCC): Planning Grants (Grant)
- Healthy Soils Program: Demonstration Projects (Grant)
- Healthy Soils Program: Incentives Program (Grant)
- Alternative Marine Management Program (AMMP) (Grant)
- CVPCP and CVPIA Habitat Restoration Program (Grant)

[See all](#)

#### State Funded Incentives







- Transformative Climate Communities (TCC): Planning Grants (Grant)
- Healthy Soils Program: Demonstration Projects (Grant)
- Healthy Soils Program: Incentives Program (Grant)
- Alternative Marine Management Program (AMMP) (Grant)
- Coastal Conservancy Grants (Grant)
- Transformative Climate Communities (TCC): Implementation Grants (Grant)
- Technical Assistance for Transformative Climate Communities Program (Other Incentive)
- Federal Cost Share Under the Electric Program Investment Charge (Grant)
- Demonstrate Business Case for Advanced Microgrids in Support of California's Energy and GHG Policies (Grant)
- Increasing Adoption of Emerging Clean Energy Technologies through Procurement (Grant)


See what is available for...

-  Government Agencies
-  Households - Individuals
-  Businesses
-  Schools or Institutions

Find what is available for California Climate investments on this site.

Or search by type...

-  Search for Grants
-  Search for Loans
-  Search for Rebates
-  Search for PACE Financing
-  Search for Tax Incentives
-  Search for Other Incentives



[Home](#) [ABOUT](#) [DEPARTMENTS](#) [DOWNLOAD](#)



### GREENING STATE BUILDINGS FOR A BRIGHTER FUTURE

State departments across California are adopting a green way of thinking about their facility operations. Under the leadership of Governor Edmund G. Brown Jr., California has undertaken an ambitious effort to green the state's buildings and save taxpayer dollars in the process

Office of the Governor  
Edmund G. Brown Jr.  
[Watch his website](#)



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# FUNDING OPPORTUNITIES

## CALIFORNIA CLIMATE INVESTMENTS



Active Transportation	Research Grant Program
Affordable Housing	Sustainable Agricultural Conservation
Agricultural Energy / Operational Efficiency	Technical Assistance for Disadvantaged & Low Income Communities
Alternative and Renewable Fuels	Transformative Climate Communities
Dairy Methane	Urban and Community Forestry
Energy Efficiency	Urban Forests
Enhanced Fleet Modernization	Urban Greening
Forest Health	Waste Diversion
Healthy Soils	Water-Energy Efficiency Program
High Speed Rail	Wetlands and Watershed
Hydroelectric Renewable Energy Turbines	Woodsmoke Reduction
Low Carbon Transit and Intercity Rail	Zero Emissions Vehicle Rebates
Low Income Weatherization	

## SB 1: ROAD REPAIR AND ACCOUNTABILITY ACT

SOLUTIONS FOR CONGESTED CORRIDORS  
SUSTAINABLE COMMUNITIES PLANNING

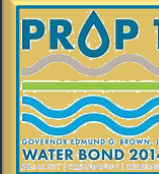


TRADE CORRIDOR ENHANCEMENTS  
CLIMATE ADAPTATION PLANNING



## PROP 39: CALIFORNIA CLEAN ENERGY JOBS

*Local Educational Agencies: Energy efficiency and clean energy projects*  
*California Community Colleges: Energy efficiency and clean energy projects*  
*Conservation Assistance Act - Education Loan and Technical Assistance Grant Program*  
*Workforce Development Training for Veteran's and Disadvantaged Youth*  
*California Conservation Corps: Energy surveys and other energy conservation-related activities for public schools*



## PROP 1: WATER QUALITY, SUPPLY, AND INFRASTRUCTURE

<i>Delta Water Quality</i>	<i>Stormwater Resource Plans and Projects</i>
<i>Drinking Water</i>	<i>Wastewater</i>
<i>Ecosystem Restoration</i>	<i>Water recycling</i>
<i>Groundwater Sustainability</i>	<i>Watershed Restoration</i>
<i>Integrated Regional Water Management</i>	



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## FOR MORE INFORMATION CONTACT:

**LIZ GRASSI**

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Elizabeth.Grassi@SGC.CA.GOV



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# Affordable Housing & Sustainable Communities Program

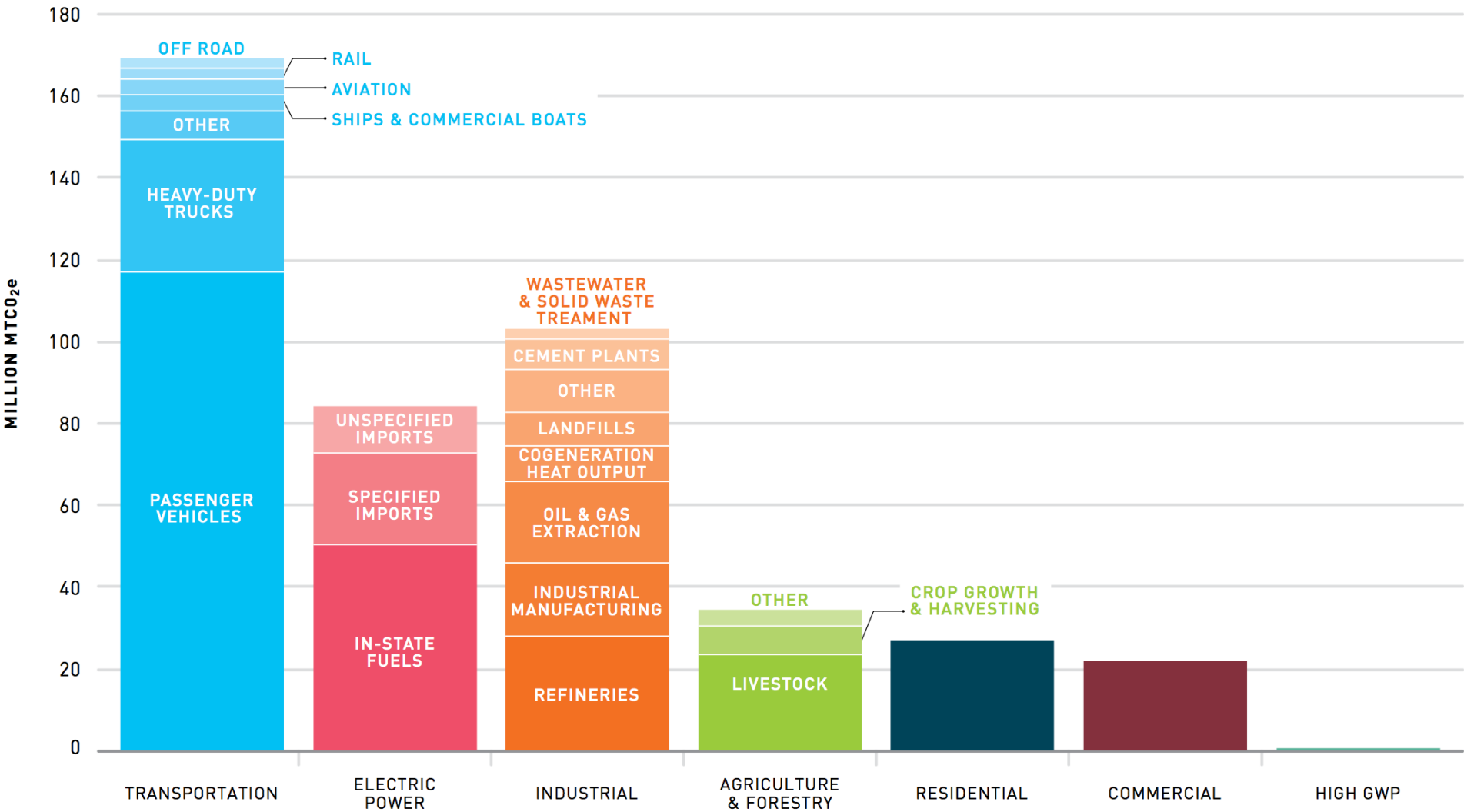
September 25<sup>th</sup> 2017 | APA Conference



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FIGURE 8. GREENHOUSE GAS EMISSIONS BY DETAILED SOURCE  
CALIFORNIA, 2015

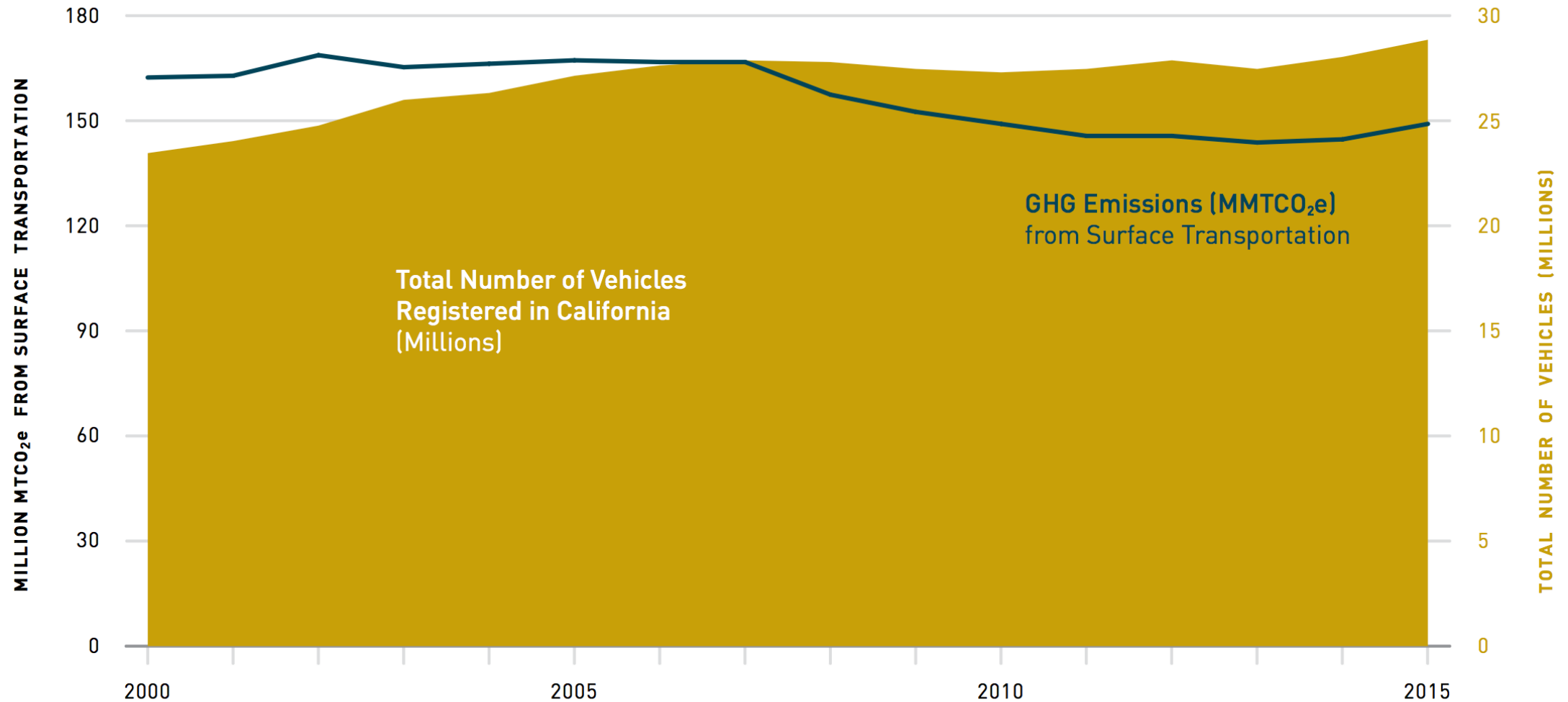


NEXT 10 CALIFORNIA GREEN INNOVATION INDEX. Data Source: California Air Resources Board, California Greenhouse Gas Inventory – by Sector and Activity. NEXT 10 / SF · CA · USA



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**FIGURE 9. TOTAL VEHICLES AND GREENHOUSE GAS EMISSIONS**  
**CALIFORNIA**



**NEXT 10 CALIFORNIA GREEN INNOVATION INDEX.** Note: Total number of vehicles for all vehicles registered in California including cars and trucks. Data Source: California Air Resources Board, California Greenhouse Gas Inventory – by Sector and Activity; California Energy Commission. **NEXT 10 / SF · CA · USA**



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# Culprit: Vehicle Miles Traveled

Why do we drive so much?

Lack of location efficient housing

Lack of quality low-carbon transportation options



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# AHSC Program Vision

- Funds **infill** projects that reduce **Greenhouse Gas (GHG)** emissions and **Vehicle Miles Traveled (VMT)** through sustainable land use, housing, and transportation practices
- Bringing together **affordable housing** and **transportation** worlds



# AHSC Program Accomplishments

- **60** Projects totaling over **\$440 Million** of investments funded across state in first two rounds starting in 2015



**4,500 Affordable  
Units**



**1.1 Million Metric  
Tons of CO<sub>2</sub>**



**8,000 Less Cars,  
Reduces VMT by  
93 Million Miles**

Source: AHSC Program Brief (CHPC, Enterprise, Transform)



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# What does it fund?

## Eligible Capital Projects

1. Affordable Housing Development (loan)  
*Housing Construction*
2. Housing-Related Infrastructure (grant)  
*Required as Condition of Approval*
3. Sustainable Transportation Infrastructure (grant)  
*Transit, Bike Lanes, Sidewalks*
4. Transportation-Related Amenities (grant)  
*Bike Parking, Repair Kiosks, Urban Greening, Bus Shelters*

## Eligible Programs (3 Year Grants)

1. Active Transportation Programs
2. Transit Ridership Programs
3. Criteria Air Pollutant Programs





Affordable Housing

Urban Greening

Sidewalks

Bus Shelters

Expansion of Bus Routes

Bike Lanes

Pedestrian Pathways

Grocery Store

School Bus

# Eligible Project Types

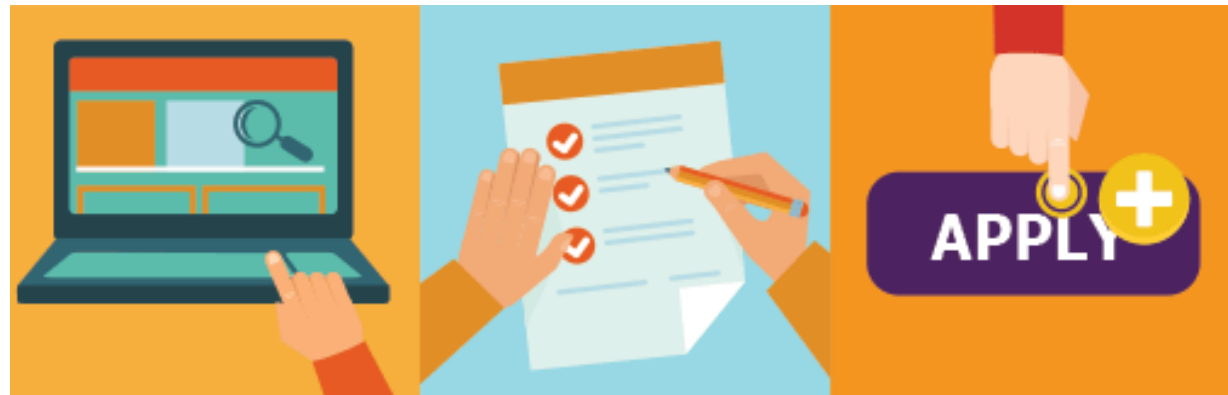
TOD	ICP	RIPA
Transit Oriented Development	Integrated Connectivity Project	Rural Innovation Project Area
<i>High Quality Transit</i> Required: ✓ Affordable Housing	<i>Qualifying Transit</i> Required: ✓ Sustainable Transportation Infrastructure	<i>Qualifying Transit</i> Required: ✓ Sustainable Transportation Infrastructure
Required: At least one additional components from the following:  <input type="checkbox"/> Sustainable Transportation Infrastructure <input type="checkbox"/> Transportation Related Amenities <input type="checkbox"/> Programs	Required: At least one additional components from the following:  <input type="checkbox"/> Affordable Housing <input type="checkbox"/> Transportation Related Amenities <input type="checkbox"/> Programs	Required: At least one additional components from the following:  <input type="checkbox"/> Affordable Housing <input type="checkbox"/> Transportation Related Amenities <input type="checkbox"/> Programs
Required Minimum Density: 30 units/acre	Required Minimum Density: 20 units/acre	Required Minimum Density: 15 units/acre





# Third Round Funding Cycle Updates

- Reorganization and Simplification
- Conversion to Single Phase Application
- More Clearly Defined Thresholds



# Third Round Application Process

✓	Revised Draft 2016-17 AHSC Program Guidelines Released	March 8th
✓	Draft Guidelines Workshops	April 2017
✓	Final Draft 2016-17 AHSC Program Guidelines Released	June 5, 2017
✓	Final 2016-17 AHSC Program Guidelines Adopted	July 17, 2017
	NOFA and Application Released	October 2, 2017
	NOFA Workshops	October 2017
	Applications Due	January 15, 2018
	Award Recommendations Released	May 2018
	Awards Announced	June 2018



# Example Projects



# 455 Fell Street

## TOD Project – City of San Francisco



### Project Details

- 81-85 % DAC (25% of work hours)
- 108 affordable housing units for 30-60% AMI
  - 57 one-bedroom
  - 42 two-bedroom
  - 8 three-bedroom
- 100% Affordable
- Density: 125 units/acre
- 1,700 ft<sup>2</sup> community garden
- Transportation Service: Light Rail & Bus
- Adding landscaped medians, ADA upgrades, travel lane reductions for angled parking, pedestrian bulbouts, and traffic calming
- AHD: \$15,037,563
- STI: \$1,019,000
- **Total Award amount: \$16,059,563**



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# Kings Canyon Connectivity Project

## ICP Project – City of Fresno



### Project Details

- 96-100% DAC
  - 135 affordable housing units for 30-60% AMI
    - 89 family units
    - 46 senior units
  - 100% Affordable
  - Workforce training program and construction apprenticeships
- 
- Transportation Service: Bus
  - Building important bike and pedestrian infrastructure along several blocks to 2 new BRT stops (July 2017)

AHD: \$14,863,754

HRI: \$47,200

STI: \$513,222

TRA: \$155,250

**Total Award amount: \$15,579,426**



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# Redding Downtown Loop and Affordable Housing

## ICP Project – City of Redding



### Project Details

- Not in a DAC
- 56 affordable housing units for 30-60% AMI
  - 15 one-bedroom
  - 47 two-bedroom
  - 17 three-bedroom
- 70% Affordable
- 2,700 sq. ft. Commercial
- Transportation Service: Bus
- Adding Class IV cycle track and bike lanes, curb extensions, sidewalk construction, bus vouchers
- AHD: \$5,873,372
- HRI: \$3,570,000
- STI: \$8,973,958
- TRA: \$1,582,670
- **Total Award amount: \$20,000,000**



# Lindsay Village

## RIPA Project – City of Lindsay



### Project Details

- 86-90% DAC
- 49 affordable housing units for 30-60% AMI
  - 14 one-bedroom
  - 18 two-bedroom
  - 18 three-bedroom
- 100% Affordable
- Density: 20 units/acre
- 100% Solar PV and grey water recycling
- Transportation Service: Bus
- Vanpool and Public Transit ridership program with sidewalks, bike lanes, traffic calming
- AHD: \$4,043,694
- HRI: \$405,000
- STI: \$1,069,659
- **Total Award amount: \$5,518,353**



# The Role of Planners



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# Critical Role of Planners in AHSC

- Required planning components for all projects
- Points for planning that facilitates collaboration
- Why is AHSC exciting for planners?

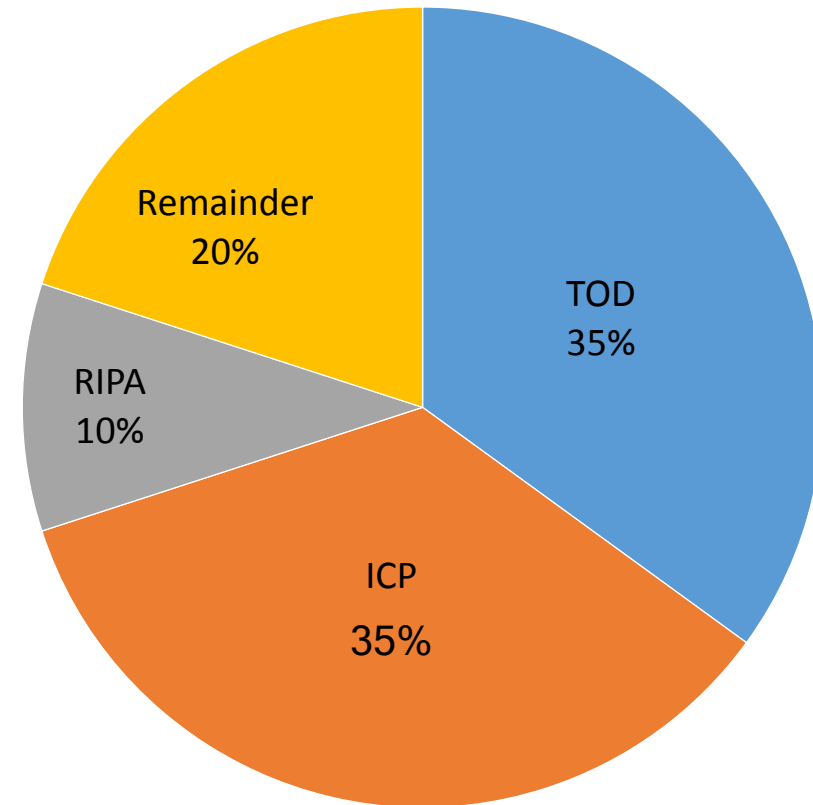
# Emerging Opportunities



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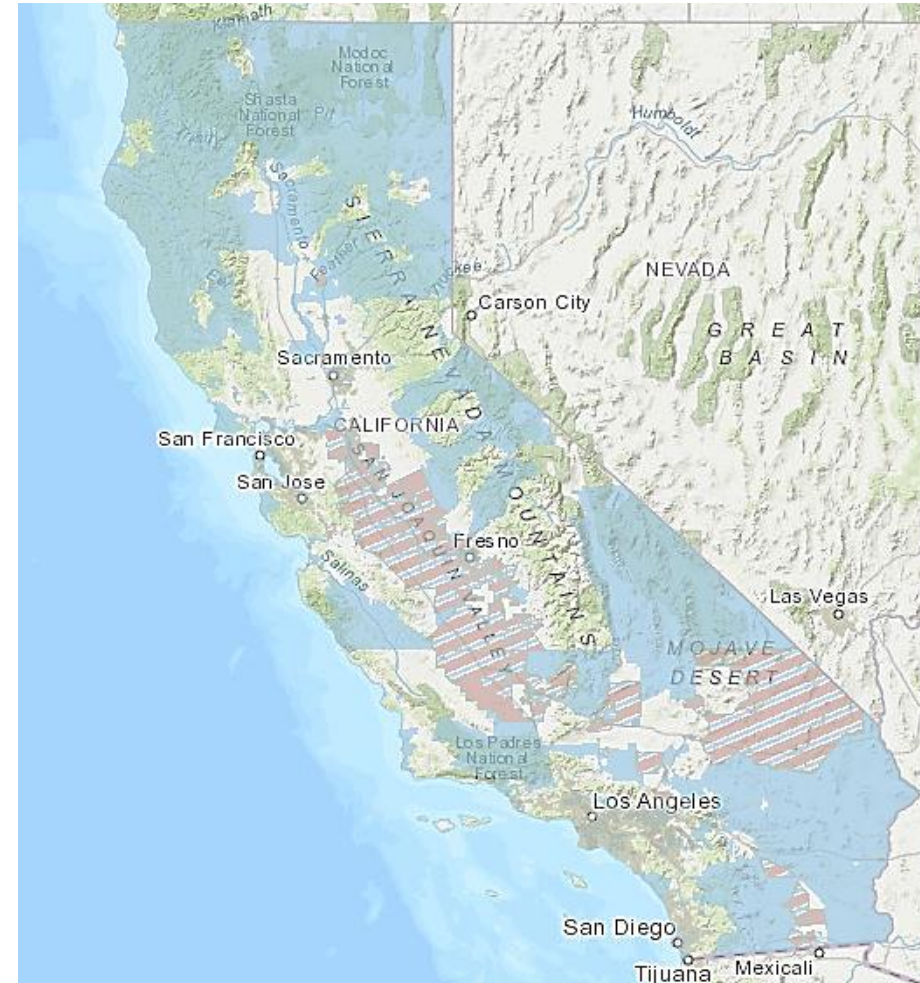
# Award Distribution

- Project Area Types
  - TOD
  - ICP
  - RIPA
- Remainder
  - Program priorities
  - Set-asides
  - MPO priorities



# Award Distribution

- Future Climate Investments and AB 1550
  - Disadvantaged Communities—Updated definition
  - Inclusion of Low-income Communities





# Where are we Going?



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# Co-Benefits and Future Reporting

## **In addition to measuring Vehicle Miles Traveled (VMT) and Greenhouse Gas Emissions (GHG)...**

UC Berkeley Co-Benefit Assessment across California Climate Investments:

1. Job creation
2. Water supply and availability
3. Climate adaptation enhancement
4. Transportation cost savings (to users)
5. Anti-displacement
6. Fuel cost savings and energy cost savings (to applicants)
7. Community engagement
8. Asthma/respiratory disease incidence
9. Soil health and conservation
10. Accelerated implementation of technology



# Long-Term Vision

- Changing landscape for Affordable Housing
- AHSC focuses on both housing and transit
- Funding until 2030
- Possibilities
  - New patterns of development
  - New partnerships



# AHSC Application Workshops

<b>Sacramento</b> Monday, Oct. 2	<b>Fresno</b> Wednesday, Oct. 4	<b>San Francisco</b> Thursday, Oct. 5
<b>Los Angeles</b> Tuesday, Oct. 10	<b>Riverside</b> Wednesday, Oct. 11	<b>San Diego</b> Thursday, Oct. 12





A blue-toned illustration of an urban skyline at the top of the slide, featuring various buildings, trees, and people on bicycles.

# Questions?

A blue-toned illustration of a rural landscape at the bottom of the slide, featuring a barn, silos, fields, and people on bicycles.The logo for the California Strategic Growth Council, featuring a circular emblem with a map of California and icons representing urban and rural development.

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# SUSTAINABLE AGRICULTURAL LANDS CONSERVATION

**Shanna Atherton**, California Department of Conservation



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# Transformative Climate Communities: A Place-Based Initiative

September 25, 2017



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# AGENDA

- Background
- Why Place-Based?
- Transformative Components
- Planning Grants
- Timeline
- Planners + TCC

# BACKGROUND

- Implementation Grants
  - \$140 Million
    - 1) Fresno: \$70 Million
    - 2) Los Angeles: \$35 Million
    - 3) To Be Determined: \$35 Million
  - Green House Gas Reduction Fund
- Planning Grants
  - \$1.5 Million
  - Up to 10 grants
  - Prop 84





# BACKGROUND | AB 2722

Created the Transformative Climate Community Program, to be administered by the Strategic Growth Council, to “fund the development and implementation of neighborhood-level transformative climate community plans that include multiple, coordinated greenhouse gas emissions reduction projects that provide local economic, environmental, and health benefits to disadvantaged communities, as described in Section 39711 of the Health and Safety Code.”

(Pub. Resources Code § 75240.)



# IMPLEMENTATION GRANTS

# Why Place-Based Approach?

- Numerous CCI programs, each with a different focus: electric vehicles, water and energy conservation, greening and green infrastructure, housing
- Bring together all of the Program types and pose the questions:  
*How can these programs be combined to enable the transformation of disadvantaged communities?*  
*Can the sum be greater than its parts?*

# Why Place-Based Approach (cont.)?

- Continuing to build on the hypothesis that intensive investments in PLACE can spur change and attract additional resources

Department of Housing and Urban Development: Choice Neighborhoods, Promise Zones

Department of Transportation: Smart Cities Challenge, TIGER

Rockefeller Foundation: 100 Resilient Cities



# FRAMEWORK

## PROGRAM OBJECTIVES

**Greenhouse Gas Reduction**

**Public Health + Environmental Benefits**

**Economic Opportunity + Shared Prosperity**

## GOALS

***GHG Goal***

*Minimum 3*

- 1) Local Sources Air Pollution*
- 2) Public Health Outcomes*

*Minimum 3*

- 1) Access Training*
- 2) High Quality Jobs*

## STRATEGIES

***Strategies***

## PROJECT TYPES

***Project Types***

## INDICATORS



# 5 TRANSFORMATIVE REQUIREMENTS

1. Track + Monitor GHG Emissions Reductions + Indicators
2. Avoid Displacement of Existing Households + Small Businesses
3. Ensure Community Engagement
4. Leverage Funding
5. Climate Adaptation and Resiliency

# PLANNING GRANTS

# PLANNING GRANTS OVERVIEW

- Up to \$1.5 million in planning grants to be awarded
- Individual grants of up to \$250,000
- Approximately 1 year grant term
- Goal
  - Increase ability to successfully apply for future rounds of TCC or other California Climate Investment Programs

# FOCUS OF PLANNING ACTIVITIES

- Directly respond to issues benefitting disadvantaged communities
- Increase the ability of applicants to apply for Implementation Grants
- Consistent with State Planning Priorities and Sustainable Communities Objectives



# TIMELINE



# TCC Program Timeline

- Adoption of the Final Program Guidelines: August 24, 2017
- Notice of Funding Availability (NOFA): August 28, 2017
- Implementation Grants
  - Concept Proposals Due: October 18, 2017
  - Full Applications Due: November 30, 2017
- Planning Grants
  - Applications Due: November 30, 2017
- Announce Implementation Grant and Planning Grant Recipients: January 2018

# PLANNERS + TCC

# PLANNING CONSIDERATIONS

- Potential funding source to implement elements of different planning documents developed at the local and regional levels
- Opportunity to combine multiple state programs to achieve local goals
- Model for developing collaborative stakeholder partnerships
- Displacement avoidance: will it succeed?
- Evaluation and indicator tracking components: do place-based investments work?



# QUESTIONS



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# TECHNICAL ASSISTANCE AND OUTREACH

Monica Palmeira, Strategic Growth Council



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